

L Number	Hits	Search Text	DB	Time stamp
33	92	alumina and ((mercury Hg) same (mg weight)) and (lamp (arc near2 tube)) and ((mg weight) same halide) and electrode	USPAT; US-PGPUB	2003/05/18 16:13
34	48	alumina and ((mercury Hg) with (mg milligram weight)) and (lamp (arc near2 tube)) and ((mg milligram weight) with halide) and electrode	USPAT; US-PGPUB	2003/05/18 17:12
35	209	(electrode with (gap lenght) with mm) and lamp and halide	USPAT; US-PGPUB	2003/05/18 17:22
36	1	4174973.pn.	USPAT; US-PGPUB	2003/05/18 17:22
-	41211	sinter\$3 and (arc tube lamp) anneal\$3 and temperature and ceramic	USPAT; US-PGPUB	2003/05/14 09:51
-	32206	sinter\$3 and (arc tube lamp) anneal\$3 and temperature and ceramic and (445/.ccls. 264/.ccls.)	USPAT; US-PGPUB	2002/11/27 16:49
-	9	sinter\$3 and (arc with (tube lamp)) and anneal\$3 and temperature and ceramic and (445/.ccls. 264/.ccls.)	USPAT; US-PGPUB	2002/11/27 16:58
-	1	4576919.pn.	USPAT; US-PGPUB	2002/11/27 16:53
-	67	sinter\$3 and (arc with (tube lamp)) and anneal\$3 and ceramic	USPAT; US-PGPUB	2002/11/27 17:11
-	544	sinter\$3 and (arc with (tube lamp)) and (anneal\$3 heat\$3 fir\$3 calcinat\$3) and ceramic	USPAT; US-PGPUB	2002/11/27 17:12
-	28	((zircon same cordierite) same ceramic) and ((arc with tube) lamp)	USPAT; US-PGPUB	2002/11/27 17:33
-	122	((arc with tube with ceramic with polycrystalline)) and (313/.ccls. 445/.ccls.)	USPAT; US-PGPUB	2002/11/30 16:42
-	8	((arc with tube with ceramic with polycrystalline) same (zircon\$3)) and (313/.ccls. 445/.ccls.)	USPAT; US-PGPUB	2002/11/30 16:35
-	114	(arc with (tube lamp)) and sinter\$3 and anneal\$3	USPAT; US-PGPUB	2002/11/30 16:44
-	32	(arc with (tube lamp)) and (sinter\$3 same anneal\$3)	USPAT; US-PGPUB	2002/11/30 17:02
-	15	("3980438" "4285732" "4900393" "5427051" "5451553" "5487353" "5540182" "5545495" "5549746" "5588992" "5683949" "5690734" "5916363" "6214427" "6299681").PN.	USPAT	2002/11/30 16:51
-	268	alumina same ceramic and (sinter\$3 same anneal\$3)	USPAT; US-PGPUB	2002/11/30 17:03
-	31	alumina same ceramic same (sinter\$3 same anneal\$3)	USPAT; US-PGPUB	2002/11/30 17:05
-	120	(alumina same ceramic) and (ceramic same (sinter\$3 same anneal\$3))	USPAT; US-PGPUB	2002/11/30 17:16
-	6	(polycrystal\$3 same ceramic) and (ceramic same (sinter\$3 same anneal\$3))	USPAT; US-PGPUB	2002/11/30 17:17
-	47	(polycrystal\$3 same ceramic) and (ceramic same (sinter\$3 same anneal\$3))	USPAT; US-PGPUB	2002/11/30 17:21
-	7045	(zircon\$3 same ceramic) and (lamp arc tube)	USPAT; US-PGPUB	2002/11/30 17:22
-	274	(zircon\$3 same ceramic) and lamp and arc	USPAT; US-PGPUB	2002/11/30 17:22
-	1204	(zircon\$3 same ceramic) and lamp	USPAT; US-PGPUB	2002/11/30 17:23
-	107	(zircon\$3 same ceramic) and lamp and (313/.ccls 445/.ccls. 419/.ccls. 264/.ccls.)	USPAT; US-PGPUB	2002/11/30 17:25
-	297	(sinter\$3 same (heat\$3 anneal\$3 cool\$3)) and lamp and (313/.ccls 445/.ccls. 419/.ccls. 264/.ccls.)	USPAT; US-PGPUB	2002/11/30 17:27
-	5	("2251454" "3026210" "3450924" "3499066" "3564328").PN.	USPAT	2002/11/30 17:34
-	20	3907949.URPN.	USPAT	2002/11/30 17:35
-	1022	polycrystalline with (lamp arc tube)	USPAT; US-PGPUB	2002/12/11 16:02
-	1102	polycrystal\$4 with (lamp arc tube)	USPAT; US-PGPUB	2002/12/11 16:02
-	361	(polycrystal\$4 with (lamp arc tube)) same ceramic	USPAT; US-PGPUB	2002/12/11 16:02

	304	(polycrystal\$4 with (lamp arc tube)) and 313/\$.ccls.	USPAT; US-PGPUB	2002/12/11 16:16
	954	polycrystal\$4 with (cordierite zircon\$3)	USPAT; US-PGPUB	2002/12/11 16:17
	71	(polycrystal\$4 with (lamp arc tube)) and 313/\$.ccls. not alumina	USPAT; US-PGPUB	2002/12/11 16:17
	428	(polycrystal\$4 with (cordierite zircon\$3)) same ceramic	USPAT; US-PGPUB	2002/12/11 16:19
	9	(polycrystal\$4 with (cordierite zircon\$3)) same ceramic same lamp	USPAT; US-PGPUB	2002/12/11 16:27
	36	(lamp arc tube) same sinter\$3 same anneal\$3 same ceramic	USPAT; US-PGPUB	2002/12/11 16:57
	448	(lamp arc tube) same sinter\$3 same (fir\$3 anneal\$3) same ceramic	USPAT; US-PGPUB	2002/12/11 16:36
	1856	(lamp arc tube) same sinter\$3 same (fir\$3 anneal\$3)	USPAT; US-PGPUB	2002/12/11 16:36
	85	(lamp (arc with tube)) same sinter\$3 same (fir\$3 anneal\$3) same ceramic	USPAT; US-PGPUB	2002/12/11 16:51
	2	3792142.pn. 3026210.pn.	USPAT; US-PGPUB	2002/12/11 16:51
	4	(lamp arc tube) same sinter\$3 same anneal\$3 same ceramic	EPO; JPO; DERWENT	2002/12/11 16:58
	14	(lamp arc tube) and sinter\$3 and anneal\$3 and ceramic	EPO; JPO; DERWENT	2002/12/11 16:58
	118	(lamp arc tube) and sinter\$3 and anneal\$3	EPO; JPO; DERWENT	2002/12/11 17:15
	1	(sinter\$3 same (anneal\$3 with vacuum)) same (ceramic with (body hollow tube shape structure))	EPO; JPO; DERWENT	2002/12/11 17:17
	6	(sinter\$3 same (anneal\$3 with vacuum)) same (ceramic with (body hollow tube shape structure))	USPAT; US-PGPUB	2002/12/11 17:20
	688	(sinter\$3 same ((fir\$3 anneal\$3 heat\$3 cool\$3) with vacuum)) and (ceramic with (body hollow tube shape structure))	USPAT; US-PGPUB	2002/12/11 17:23
	26	(sinter\$3 same (anneal\$3 with vacuum)) and (ceramic with (body hollow tube shape structure))	USPAT; US-PGPUB	2002/12/11 18:09
	3	("Al.sub.2 O.sub.3" same MgO same "SiO.sub.2") same lamp same (arc with tube)	USPAT; US-PGPUB	2002/12/11 18:11
	74	("Al.sub.2 O.sub.3" same MgO same "SiO.sub.2") same lamp	USPAT; US-PGPUB	2002/12/11 18:17
	77	lamp and cordierite and mullite	USPAT; US-PGPUB	2002/12/11 18:23
	1	(arc near2 tube) and cordierite and mullite	USPAT; US-PGPUB	2002/12/11 18:23
	11	(discharge near2 tube) and cordierite and mullite	USPAT; US-PGPUB	2002/12/11 18:32
	5304	((arc discharge) near2 tube) lamp) and sinter\$3	USPAT; US-PGPUB	2002/12/11 18:33
	1213	((arc discharge) near2 tube) lamp) and sinter\$3 and (anneal\$3 fir\$3 heat\$3) and (313/\$.ccls. 445/\$.ccls. 264/\$.ccls. 501/\$.ccls.)	USPAT; US-PGPUB	2002/12/11 18:39
	651	((arc discharge) near2 tube) lamp) and sinter\$3 and (anneal\$3 fir\$3 heat\$3) and (313/\$.ccls. 445/\$.ccls. 264/\$.ccls. 501/\$.ccls.) and vacuum	USPAT; US-PGPUB	2002/12/11 18:44
	628	((arc discharge) near2 tube) lamp) and sinter\$3 and (anneal\$3 firing fired heat\$3) and (313/\$.ccls. 445/\$.ccls. 264/\$.ccls. 501/\$.ccls.) and vacuum	USPAT; US-PGPUB	2002/12/11 18:57
	384	((arc discharge) near2 tube) lamp) and sinter\$3 and ((anneal\$3 firing fired heat\$3) same vacuum) and (313/\$.ccls. 445/\$.ccls. 264/\$.ccls. 501/\$.ccls.)	USPAT; US-PGPUB	2002/12/11 18:58
	36	sinter\$3 and anneal\$3 and (lamp bulb (arc near2 (discharge tube))) and 419/\$.ccls.	USPAT; US-PGPUB	2003/03/15 18:32
	52	sinter\$3 and anneal\$3 and (lamp bulb (arc near2 (discharge tube))) and 501/\$.ccls.	USPAT; US-PGPUB	2003/03/15 15:34
	40	sinter\$3 and anneal\$3 and (lamp bulb (arc near2 (discharge tube))) and 65/\$.ccls.	USPAT; US-PGPUB	2003/03/15 15:44

	125	sinter\$3 and ((cool\$3 with heat\$3) anneal\$3) and (lamp bulb ((discharge arc) near2 (discharge tube))) and 501/\$.ccls.	USPAT; US-PGPUB	2003/03/15 15:46
	73	(sinter\$3 and ((cool\$3 with heat\$3) anneal\$3) and (lamp bulb ((discharge arc) near2 (discharge tube))) and 501/\$.ccls.) not (sinter\$3 and anneal\$3 and (lamp bulb (arc near2 (discharge tube))) and 501/\$.ccls.)	USPAT; US-PGPUB	2003/03/15 15:47
	12	(sinter\$3 same anneal\$3) and (501/\$.ccls. 419/\$.ccls.) and (ceramic same polycrystal\$4) and transparen\$2	USPAT; US-PGPUB	2003/03/15 16:31
	16	sinter\$3 and anneal\$3 and (501/\$.ccls. 419/\$.ccls.) and (ceramic same polycrystal\$4) and transparen\$2	USPAT; US-PGPUB	2003/03/15 17:34
	12	("3026177" "4150317" "4166831" "4211758" "4418024" "4418025" "4427785" "4518546" "4543346" "4761390" "4762655" "4797238").PN.	USPAT	2003/03/15 16:41
	326	sinter\$3 and anneal\$3 and (501/\$.ccls. 419/\$.ccls.) and (ceramic polycrystal\$4) and vacuum	USPAT; US-PGPUB	2003/03/15 17:35
	79	sinter\$3 and (vacuum same anneal\$3) and (501/\$.ccls. 419/\$.ccls.) and (ceramic polycrystal\$4)	USPAT; US-PGPUB	2003/03/15 17:46
	2	("3000745" "3753911").PN.	USPAT	2003/03/15 17:43
	42	sinter\$3 and (vacuum same anneal\$3) and (501/\$.ccls. 419/\$.ccls.) and (ceramic polycrystal\$4)	USOCR	2003/03/15 17:47
	8	3753911.URPN.	USPAT	2003/03/15 18:04
	6	sinter\$3 and (vacuum same anneal\$3) and (lamp bulb ((discharge arc) near2 (discharge tube)))	EPO; JPO; DERWENT	2003/03/15 18:12
	23	sinter\$3 and (vacuum same anneal\$3) and (ceramic polycrystal\$4)	EPO; JPO; DERWENT	2003/03/15 18:17
	3	sinter\$3 and (vacuum same anneal\$3) and (transparen\$2 translucent)	EPO; JPO; DERWENT	2003/03/18 19:07
	12	sinter\$3 and (vacuum same ((heat\$ same cool\$3) anneal\$3)) and (transparen\$2 translucent) and (419/\$.ccls. 501/\$.ccls.)	USPAT; US-PGPUB	2003/03/15 18:23
	919	sinter\$3 and (vacuum same ((heat\$3 same cool\$3) anneal\$3)) and (transparen\$2 translucent)	USPAT; US-PGPUB	2003/03/15 18:23
	16	sinter\$3 and (vacuum same ((heat\$3 same cool\$3) anneal\$3)) and (transparen\$2 translucent) and (419/\$.ccls. 501/\$.ccls.)	USPAT; US-PGPUB	2003/03/15 18:24
	22	sinter\$3 and anneal\$3 and (lamp bulb (arc near2 (discharge tube)))	EPO; JPO; DERWENT	2003/03/20 16:33
	1	4629593.pn.	USPAT; US-PGPUB	2003/03/15 18:30
	35	sinter\$3 and (vacuum with anneal\$3) and (501/\$.ccls. 419/\$.ccls.) and (ceramic polycrystal\$4)	USPAT; US-PGPUB	2003/03/15 18:44
	34	sinter\$3 and (vacuum with anneal\$3) and (264/\$.ccls. 252/\$.ccls.) and (ceramic polycrystal\$4)	USPAT; US-PGPUB	2003/03/15 18:45
	3	sinter\$3 and anneal\$3 and (alumina (aluminum near2 oxide) "Al.sub.2 O.sub.3") and (313/\$.ccls. 419/\$.ccls. 501/\$.ccls. 445/\$.ccls.)	EPO; JPO; DERWENT	2003/03/18 19:10
	3063	sinter\$3 and anneal\$3 and (alumina (aluminum near2 oxide) "Al.sub.2 O.sub.3")	USPAT; US-PGPUB	2003/03/18 19:10
	761	sinter\$3 and anneal\$3 and (alumina (aluminum near2 oxide) "Al.sub.2 O.sub.3") and (313/\$.ccls. 419/\$.ccls. 501/\$.ccls. 445/\$.ccls.)	USPAT; US-PGPUB	2003/03/18 19:15
	85	sinter\$3 and anneal\$3 and (alumina (aluminum near2 oxide) "Al.sub.2 O.sub.3")	EPO; JPO; DERWENT	2003/03/18 19:10
	75	(sinter\$3 same anneal\$3 same (alumina (aluminum near2 oxide) "Al.sub.2 O.sub.3")) and (313/\$.ccls. 419/\$.ccls. 501/\$.ccls. 445/\$.ccls.)	USPAT; US-PGPUB	2003/03/18 19:16
	67	sinter\$3 and (anneal\$3 same (atmosphere atm)) and ceramic	EPO; JPO; DERWENT	2003/03/20 16:37
	907	sinter\$3 and (anneal\$3 same (atmosphere atm)) and ceramic	USPAT; US-PGPUB	2003/03/20 16:37
	299	sinter\$3 and (anneal\$3 same (atmosphere atm)) and ceramic and (501/\$.ccls. 174/\$.ccls. 419/\$.ccls. 264/\$.ccls.)	USPAT; US-PGPUB	2003/03/20 17:13
	233	sinter\$3 and (anneal\$3 same (atmosphere atm)) and ceramic and (501/\$.ccls. 174/\$.ccls. 419/\$.ccls.)	USPAT; US-PGPUB	2003/03/20 17:13
	202	sinter\$3 and (anneal\$3 same (atmosphere atm)) and ceramic and (501/\$.ccls. 419/\$.ccls.)	USPAT; US-PGPUB	2003/03/20 17:14

-	501	419/29.ccls.	USPAT; US-PGPUB	2003/05/14 09:54
-	80	419/29.ccls. and ceramic	USPAT; US-PGPUB	2003/05/14 09:53
-	1600	419/\$.ccls. and (lamp tube bulb vessel envelope)	USPAT; US-PGPUB	2003/05/14 09:54
-	109	419/29.ccls. and (lamp tube bulb vessel envelope)	USPAT; US-PGPUB	2003/05/14 10:15
-	31	419/29.ccls. and (lamp tube bulb vessel envelope)	USOCR	2003/05/14 09:59
-	31	419/1.ccls. and (lamp tube bulb vessel envelope)	USPAT; US-PGPUB	2003/05/14 10:16
-	88	264/632.ccls.	USPAT; US-PGPUB	2003/05/14 10:18
-	150	419/1.ccls.	USPAT; US-PGPUB	2003/05/14 11:23
-	2853	264/\$.ccls. and ((arc near2 tube) arc-tube lamp bulb)	USPAT; US-PGPUB	2003/05/14 11:25
-	334	264/\$.ccls. and ((arc near2 tube) arc-tube lamp bulb) and sinter\$3	USPAT; US-PGPUB	2003/05/14 11:30
-	114	264/\$.ccls. and ((arc near2 tube) arc-tube lamp bulb) and sinter\$3 and (anneal\$3 heat\$3)	USOCR	2003/05/14 11:33
-	114	264/\$.ccls. and ((arc near2 tube) arc-tube lamp bulb) and sinter\$3 and (anneal\$3 heating heat heated)	USOCR	2003/05/14 11:33
-	310	264/\$.ccls. and ((arc near2 tube) arc-tube lamp bulb) and sinter\$3 and (anneal\$3 heat\$3)	USPAT; US-PGPUB	2003/05/14 15:58
-	204	264/\$.ccls. and ((arc near2 tube) arc-tube lamp bulb) and (sinter\$3 same (anneal\$3 heat\$3))	USPAT; US-PGPUB	2003/05/14 15:37
-	1	4761390.pn.	USPAT; US-PGPUB	2003/05/14 14:14
-	111	264/\$.ccls. and ((arc near2 tube) arc-tube lamp bulb) and (sinter\$3 same (anneal\$3 heat\$3))	USOCR	2003/05/14 15:38
-	111	264/\$.ccls. and ((arc near2 tube) arc-tube lamp bulb) and (sinter\$3 same (anneal\$3 heating heated heat))	USOCR	2003/05/14 15:50
-	106	(264/\$.ccls. and ((arc near2 tube) arc-tube lamp bulb) and sinter\$3 and (anneal\$3 heat\$3)) not (264/\$.ccls. and ((arc near2 tube) arc-tube lamp bulb) and (sinter\$3 same (anneal\$3 heat\$3)))	USPAT; US-PGPUB	2003/05/14 15:51
-	2798	264/\$.ccls. and (ceramic alumina polycrystal polycrystalline) and (sinter\$3 same (anneal\$3 heat\$3))	USPAT; US-PGPUB	2003/05/14 16:11
-	201	264/\$.ccls. and (ceramic alumina polycrystal polycrystalline) and (sinter\$3 same anneal\$3)	USPAT; US-PGPUB	2003/05/14 16:12
-	178	(264/\$.ccls. and (ceramic alumina polycrystal polycrystalline) and (sinter\$3 same anneal\$3)) not (264/\$.ccls. and ((arc near2 tube) arc-tube lamp bulb) and sinter\$3 and (anneal\$3 heat\$3))	USPAT; US-PGPUB	2003/05/14 16:12